

**PERMIT FORMS AND INSTRUCTIONS
PURSUANT TO
REGULATIONS FOR THE CONTROL AND ABATEMENT OF AIR POLLUTION**



**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR PERMIT APPLICATION FORM**
for ASPHALT PLANTS only

NEW AND MODIFIED SOURCE PERMITS
and STATE OPERATING PERMITS

PLEASE READ CAREFULLY

This is an application form for a new or modified source permit, or a state operating permit. The staff of the Department of Environmental Quality reviews all permit applications to determine compliance with State Regulations. The evaluation of a permit application is a detailed and lengthy process, so your application should be submitted as soon as you can furnish the requisite information. A complete application is required prior to our commencing the process of preparing a permit. Once you have submitted a complete application we process your application as quickly as possible. To expedite the permit application and review process, please supply the information requested on the attached form accurately and completely.

A complete application must include:

- | | |
|--|---|
| 1. FORM 7 | A completed Form 7, including a properly signed Document Certification Form. |
| *2. MAP | A source location map that includes latitude and longitude coordinates for the facility. |
| *3. FACILITY | A site plan of the facility including the dimensions of all buildings (length, width and height), all stack and emission point locations by stack number, and the property lines and fence lines. |
| *4. PROCESS | A process flow diagram/schematic, a narrative process description and a material balance that reflects the requested permit limits. |
| * [†] 5. MSDS or CPDS | Material safety data sheets or Certified Product Data Sheets indicating the percent by weight of each ingredient and, for coatings, the VOC content in pounds per gallon. |
| [†] 6. CALCULATIONS | Calculations of emission estimates. Control technology justification to include economic analysis, if required. |
| * [†] 7. STACK TEST | Stack test data if applicable. |
| * [†] 8. MODEL | Air quality modeling based on consultation with the applicable regional office and the Office of Air Permit Programs, if required. |
| *9. LOCAL GOVERNING BODY CERTIFICATION FORM | Forward the form to local governing body, if applicable. |
| 10. PERMIT APPLICATION FEE FORM | For undeveloped major stationary sources, include a copy of the Permit Application Fee form and check or money order with application, if required. |

* Not required for state operating permit applications unless specifically requested.

[†] Not required for an asphalt plant permit application unless specifically requested.

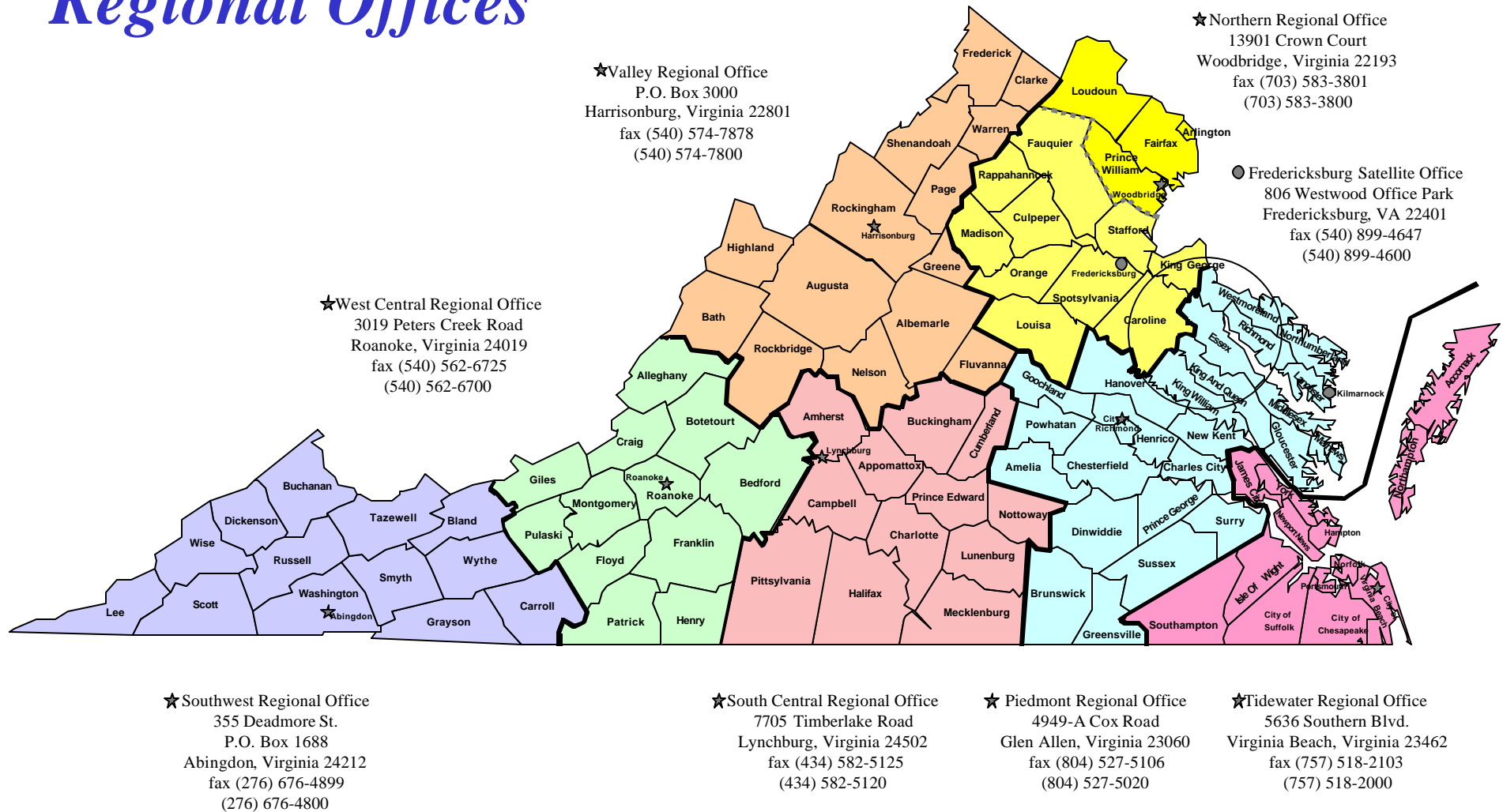
INSTRUCTIONS ARE PROVIDED FOR EACH PAGE OF THE FORM 7. Should you require additional assistance in completing this application, please contact the regional office for your area as shown on the map and localities list on pages iii-vi. Prior to completing this form, contact the regional office to ensure you are using the most current Form 7. Submit the completed application to the appropriate regional office.

IT IS A VIOLATION OF STATE REGULATIONS TO BEGIN CONSTRUCTION OF OR OPERATE A SOURCE WITHOUT OBTAINING THE APPROPRIATE PERMIT, IF A PERMIT IS REQUIRED.

[Note: This form is available in MS Word and Adobe pdf formats on the DEQ website at www.deq.state.va.us.]

DEPARTMENT OF ENVIRONMENTAL QUALITY

Regional Offices



Air Quality Control Region
Assignment of Counties, Cities and Localities - List of Counties

County	Region	County	Region
Accomack	TRO	Lancaster	PRO
Albemarle	VRO	Lee	SWRO
Alleghany	WCRO	Loudoun	NRO
Amelia	PRO	Louisa	FSO
Amherst	SCRO	Lunenburg	SCRO
Appomattox	SCRO	Madison	FSO
Arlington	NRO	Mathews	PRO
Bath	VRO	Mecklenburg	SCRO
Bedford	WCRO	Middlesex	PRO
Bland	SWRO	Montgomery	WCRO
Botetourt	WCRO	Nelson	VRO
Bristol	SWRO	New Kent	PRO
Brunswick	PRO	Northampton	TRO
Buchanan	SWRO	Northumberland	PRO
Buckingham	SCRO	Norton	SWRO
Campbell	SCRO	Nottoway	SCRO
Caroline	FSO	Orange	FSO
Carroll	SWRO	Page	VRO
Charles City	PRO	Patrick	WCRO
Charlotte	SCRO	Pittsylvania	SCRO
Chesapeake	TRO	Powhatan	PRO
Chesterfield	PRO	Prince George	PRO
Clarke	VRO	Prince Edward	SCRO
Craig	WCRO	Prince William	NRO
Culpeper	FSO	Pulaski	WCRO
Cumberland	SCRO	Rappahannock	FSO
Dickenson	SWRO	Richmond	PRO
Dinwiddie	PRO	Roanoke	WCRO
Essex	PRO	Rockbridge	VRO
Fairfax	NRO	Rockingham	VRO
Fauquier	FSO	Russell	SWRO
Floyd	WCRO	Scott	SWRO
Fluvanna	VRO	Shenandoah	VRO
Franklin	WCRO	Smyth	SWRO
Frederick	VRO	Southampton	TRO
Giles	WCRO	Spotsylvania	FSO
Gloucester	PRO	Stafford	FSO
Goochland	PRO	Surry	PRO
Grayson	SWRO	Sussex	PRO
Greene	VRO	Tazewell	SWRO
Greensville	PRO	Warren	VRO
Halifax	SCRO	Washington	SWRO
Hampton	TRO	Westmoreland	PRO
Hanover	PRO	Wise	SWRO
Henrico	PRO	Wythe	SWRO
Henry	WCRO	York	TRO
Highland	VRO		
Isle of Wight	TRO		
James City	TRO		
King and Queen	PRO		
King George	FSO		
King William	PRO		

SWRO - Southwest Regional Office
NRO - Northern Regional Office
SCRO - South Central Regional Office

WCRO - West Central Regional Office
VRO - Valley Regional Office
PRO - Piedmont Regional Office
TRO - Tidewater Regional Office
FSO - Fredericksburg Satellite Office

Air Quality Control Region
Assignment of Counties, Cities and Localities - List of Cities and Localities

<u>Cities/Localities</u>	<u>Region</u>	<u>Cities/Localities</u>	<u>Region</u>	<u>Cities/Localities</u>	<u>Region</u>
Accomac	TRO	Chesapeake	TRO	Floyd	WCRO
Achilles	PRO	Chester	PRO	Ford	PRO
Adner	PRO	Chesterfield	PRO	Franklin	TRO
Alberta	PRO	Chilhowie	SWRO	Fredericksburg	FSO
Alexandria	NRO	Chincoteague	TRO	Galax	SWRO
Allmondsville	PRO	Christiansburg	WCRO	Gasburg	PRO
Amelia Courthouse	PRO	Chula	PRO	George's Tavern	PRO
Ark	PRO	Church View	PRO	Glade Spring	SWRO
Arlington	NRO	Claremont	PRO	Glen Allen	PRO
Ashland	PRO	Clintwood	SWRO	Glenns	PRO
Aylett	PRO	Coatesville	PRO	Gloucester	PRO
Bacon's Castle	PRO	Cobbs Creek	PRO	Gloucester Point	PRO
Ballsville	PRO	Cochran	PRO	Goochland	PRO
Barhamsville	PRO	Coeburn	SWRO	Gray	PRO
Bavon	PRO	Coles Point	PRO	Gressitt	PRO
Beach	PRO	Collinsville	WCRO	Greys Point	PRO
Beaverdam	PRO	Colonial Beach	PRO	Grundy	SWRO
Bedford	WCRO	Colonial Heights	PRO	Gum Spring	PRO
Belle Haven	TRO	Columbia	PRO	Gwynn	PRO
Bensley	PRO	Covington	WCRO	Hadensville	PRO
Bertrand	PRO	Crozier	PRO	Hague	PRO
Big Stone Gap	SWRO	Daleville	WCRO	Hallwood	TRO
Blacksburg	WCRO	Damascus	SWRO	Hampton	TRO
Bland	SWRO	Danieltown	PRO	Hanover	PRO
Bloxom	TRO	Danville	SCRO	Harrisonburg	VRO
Bon Air	PRO	Darvills	PRO	Hartfield	PRO
Boones Mill	WCRO	Deltaville	PRO	Haynesville	PRO
Bottoms Bridge	PRO	Dendron	PRO	Haysi	SWRO
Bowlers Wharf	PRO	DeWitt	PRO	Heathsville	PRO
Brays Fork	PRO	Dinwiddie	PRO	Highland Springs	PRO
Brodnax	PRO	Disputanta	PRO	Hillsville	SWRO
Brunswick	PRO	Doswell	PRO	Holdcroft	PRO
Buchanan	WCRO	Dublin	WCRO	Hollins	WCRO
Buena Vista	VRO	Dunnsville	PRO	Homeville	PRO
Burgess	PRO	Eagle Rock	WCRO	Hopewell	PRO
Burrowsville	PRO	Eastville	TRO	Hull Neck	PRO
Butylo	PRO	Ebony	PRO	Independence	SWRO
Cabin Point	PRO	Edgerton	PRO	Irrington	PRO
Callao	PRO	Elberon	PRO	Jarratt	PRO
Cape Charles	TRO	Emporia	PRO	Jetersville	PRO
Caret	PRO	Ettrick	PRO	Jonesville	SWRO
Carson	PRO	Exmore	TRO	Keller	TRO
Cartersville	PRO	Fair Port	PRO	Kilmarnock	PRO
Center Cross	PRO	Fairfax	NRO	King & Queen	PRO
Central Garage	PRO	Falls Church	NRO	King William	PRO
Champlain	PRO	Farnham	PRO	Kinsale	PRO
Charles City	PRO	Fife	PRO	Lakeside	PRO
Charlottesville	VRO	Fincastle	WCRO	Lancaster	PRO
Cheriton	TRO	Fleeton	PRO	Lanexa	PRO

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Air Quality Control Region
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<u>Cities/Localities</u>	<u>Region</u>	<u>Cities/Localities</u>	<u>Region</u>	<u>Cities/Localities</u>	<u>Region</u>
Laurel	PRO	Newport News	TRO	Stevensville	PRO
Lawrenceville	PRO	Newtown	PRO	Stingray Point	PRO
Lebanon	SWRO	Norfolk	TRO	Stony Creek	PRO
Leedstown	PRO	Nuttsville	PRO	Stratford Hall	PRO
Lerty	PRO	Oak Grove	PRO	Stuart	WCRO
Lewisetta	PRO	Oilville	PRO	Studley	PRO
Lexington	VRO	Old Church	PRO	Suffolk	TRO
Lilian	PRO	Onancock	TRO	Surry	PRO
Littleton	PRO	Onley	TRO	Sussex	PRO
Litwalton	PRO	Painter	TRO	Sutherland	PRO
Lively	PRO	Parksley	TRO	Tabscott	PRO
Loretto	PRO	Pearisburg	WCRO	Talleysville	PRO
Lottsburg	PRO	Petersburg	PRO	Tangier Island	TRO
Low Moor	WCRO	Poquoson	TRO	Tappahannock	PRO
Lyells	PRO	Portsmouth	TRO	Tazewell	SWRO
Lynchburg	SCRO	Potomac Beach	PRO	Templeman	PRO
Maidens	PRO	Powhatan	PRO	Trenholm	PRO
Manakin-Sabot	PRO	Prince George	PRO	Troutville	WCRO
Manassas	NRO	Providence Forge	PRO	Urbana	PRO
Manassas Park	NRO	Pulaski	WCRO	Valentines	PRO
Mangohick	PRO	Purdy	PRO	Varina	PRO
Mannboro	PRO	Radford	WCRO	Village	PRO
Manquin	PRO	Reedville	PRO	Vinton	WCRO
Marion	SWRO	Remlik	PRO	Virginia Beach	TRO
Martinsville	WCRO	Richlands	SWRO	Wachapreague	TRO
Matoaca	PRO	Richmond, City of	PRO	Wakefield	PRO
Matthews	PRO	Ridgeway	WCRO	Walkerton	PRO
McKenney	PRO	Ripplemead	WCRO	Walnut Point	PRO
Meadows of Dan	WCRO	Roanoke	WCRO	Ware Neck	PRO
Mechanicsville	PRO	Rock Castle	PRO	Wares Wharf	PRO
Melfa	TRO	Rockville	PRO	Warner	PRO
Midlothian	PRO	Rocky Mount	WCRO	Warsaw	PRO
Millers Tavern	PRO	Roxbury	PRO	Water View	PRO
Mobjack	PRO	Rural Retreat	SWRO	Waverly	PRO
Moneta	WCRO	Saint Stevens Church	PRO	Waynesboro	VRO
Montpelier	PRO	Salem	WCRO	Weems	PRO
Montross	PRO	Saluda	PRO	West Point	PRO
Moon	PRO	Sandston	PRO	White Stone	PRO
Morattico	PRO	Sandy Point	PRO	White Marsh	PRO
Morven	PRO	Saxis	TRO	White Plains	PRO
Moseley	PRO	Scotland	PRO	Wicomico Church	PRO
Mount Holly	PRO	Scotts Fork	PRO	Williamsburg	TRO
Mundy Point	PRO	Severn	PRO	Wilsons	PRO
Narrows	WCRO	Shackelfords	PRO	Winchester	VRO
Nassawadox	TRO	Sharps	PRO	Windmill Point	PRO
Naxera	PRO	Short Pump	PRO	Winterpock	PRO
New Castle	WCRO	Skippers	PRO	Wise	SWRO
New Kent	PRO	Smith Point	PRO	Wytheville	SWRO
New Point	PRO	Spring Grove	PRO	Yale	PRO
Newport	WCRO	Staunton	VRO		

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CONFIDENTIAL INFORMATION

Under the Virginia Freedom of Information Act (FOIA) (Virginia Code Title 2.2, Chapter 37) and by regulation (9 VAC 5-170-60), all information submitted by the applicant is available to anyone requesting the information unless it is certified by the applicant as meeting all of the criteria listed in 9 VAC 5-170-60 C:

"In order to be exempt from disclosure to the public under subsection B of this section, the record, report or information must satisfy the following criteria:

- 1. Information for which the company has been taking and will continue to take measures to protect the confidentiality;*
- 2. Information that has not been and is not presently reasonably obtainable without the company's consent by private citizens or other firms through legitimate means other than discovery based on a showing of special need in a judicial or quasi-judicial proceeding;*
- 3. Information which is not publicly available from sources other than the company; and*
- 4. Information the disclosure of which would cause substantial harm to the company."*

However, emissions data shall be available to the public without exception (9 VAC 5-170-60 A). Emissions data include those data meeting the definition found in federal regulations at 40 CFR 2 Sec. 2.301, which states:

"Emission data means, with reference to any source of emission of any substance into the air--

- A. Information necessary to determine the identity, amount, frequency, concentration, or other characteristics (to the extent related to air quality) of any emission which has been emitted by the source (or of any pollutant resulting from any emission by the source), or any combination of the foregoing;*
- B. Information necessary to determine the identity, amount, frequency, concentration, or other characteristics (to the extent related to air quality) of any emission which, under an applicable standard or limitation, the source was authorized to emit (including, to the extent necessary for such purposes, a description of the manner or rate of operation of the source); and*
- C. A general description of the location and/or nature of the source to the extent necessary to identify the source and to distinguish it from other sources (including, to the extent necessary for such purposes, a description of the device, installation, or operation constituting the source)."*

Applicants should consider the "information necessary to determine..." language in the definition, which can include information on throughputs, heat rates, emissions factors, and other characteristics required to derive information on actual or authorized emissions.

In order for DEQ to accept a claim of confidentiality, the applicant must do all of the following:

- Prepare both confidential and non-confidential versions of the application;

The front page of the confidential copy and any subsequent pages containing confidential information should be labeled or stamped "Confidential," "Proprietary," or "Trade Secret."

The public version should indicate which information or data have been removed or blacked out due to confidentiality by labeling those parts or elements of the application as confidential. If an entire page is confidential, there should be a corresponding non-confidential page describing the type of information held confidential, for instance, "Process Flow Diagram (confidential)."

The non-confidential version of the application should be structured so that the permit can be written from the information provided in that version. If this is not feasible then the reasons should be documented in the showing provided with the application. DEQ regional offices can provide a copy of the DEQ Air Permitting Confidentiality Policy, which discusses some approaches to structuring applications so that the permit can reflect the non-confidential information.

- Remove only confidential information

If a page contains both confidential and non-confidential information, the public version must contain all of the non-confidential information. The applicant may not remove all the information on a page or application section or part because some of the information is confidential.

- Refrain from confidentiality claims for emission data that cannot be held confidential information necessary to determine emissions or what the source is authorized to emit cannot be held confidential.

CONFIDENTIAL INFORMATION (continued)

- Prepare and certify a showing document for all information claimed as confidential and has been removed or omitted from the public version of the application.

The applicant must prepare a document showing that each type of information or data claimed as confidential meets the criteria of 9 VAC 5-170-60 C as discussed above. The showing document is itself public information subject to FOIA, so the applicant should not include confidential information in the showing document. The applicant must certify the showing.

The showing should follow the format of the example provided below. The certification must contain the wording found in the example.

Example Showing

Throughout the referenced application, XYZ Company claims throughputs of Equipment A, B, and C and composition information of our final blended products as confidential.

Throughputs

XYZ protects the confidentiality of this information by:

- Keeping the information under lock and key except when designated employees have need of its use.
- Allowing only those employees who have a "need to know" access to this information. Other XYZ employees do not have access to this information.
- Requiring all employees who have access to this information to sign a confidentiality agreement.

Disclosure of the throughputs of Equipment A, B, and C could cause substantial harm to XYZ by allowing competitors to better determine our costs. Both fixed and variable costs in our industry are highly dependent on the scale of operations. Disclosure of this information would give competitors information with which they could determine our production capacity, which we believe they do not know at this time. To the best of our knowledge, this information is not publicly available and is not reasonably obtainable by the public or other unauthorized parties.

Product Composition

XYZ protects the confidentiality of this information by:

- Keeping the information under lock and key except when designated employees have need of its use.
- Allowing only those employees who have a "need to know" access to this information. Other XYZ employees do not have access to this information.
- Requiring all employees who have access to this information to sign a confidentiality agreement.
- Requiring customers who have access to this information to sign confidentiality agreements

Disclosure of the composition of our final blended products could cause substantial harm to XYZ by allowing competitors to reverse engineer our products. XYZ has invested significant resources over many years developing these products. Disclosure of these compositions could allow competitors to copy our products without them being required to expend the resources we have spent developing them, thereby reducing our current competitive advantage. To the best of our knowledge, this information is not publicly available and is not reasonably obtainable by the public or other unauthorized parties.

Certification

I hereby certify under penalty of law that to the best of my knowledge and belief, after diligent inquiry, the information claimed above as confidential meets the confidential information criteria of 9 VAC 5-170-60 C and 40 CFR 2.208 and is not "emissions data."

Further, to the best of my knowledge, this information has never been determined not to be confidential information by EPA or any other agency, nor has it ever been disclosed to the public by EPA or any other agency.

Typed Name and Title of Responsible Official _____

Signature of Responsible Official _____

Date _____

DEQ staff will review the material to determine its eligibility for confidential treatment and will inform you in writing of the determination. If you have any questions, please contact the DEQ regional office to which the application is made.

VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY - AIR PERMITS

LOCAL GOVERNING BODY CERTIFICATION FORM	
Facility Name:	Registration Number:
Applicant's Name:	Name of Contact Person at the site:
Applicant's Mailing address:	Contact Person Telephone Number:
Facility location (also attach map):	
Facility type, and list of activities to be conducted:	
<p>The applicant is in the process of completing an application for an air pollution control permit from the Virginia Department of Environmental Quality. In accordance with § 10.1-1321.1, Title 10.1, Code of Virginia (1950), as amended, before such a permit application can be considered complete, the applicant must obtain a certification from the governing body of the county, city or town in which the facility is to be located that the location and operation of the facility are consistent with all applicable ordinances adopted pursuant to Chapter 22 (§§ 15.2-2200 <u>et seq.</u>) of Title 15.2. The undersigned requests that an authorized representative of the local governing body sign the certification below.</p>	
Applicant's signature:	Date:
<p>The undersigned local government representative certifies to the consistency of the proposed location and operation of the facility described above with all applicable local ordinances adopted pursuant to Chapter 22 (§§ 15.2-2200 <u>et seq.</u>) of Title 15.2. of the Code of Virginia (1950) as amended, as follows:</p> <p>(Check one block)</p> <p><input type="checkbox"/> The proposed facility is fully consistent with all applicable local ordinances.</p> <p><input type="checkbox"/> The proposed facility is inconsistent with applicable local ordinances; see attached information.</p>	
Signature of authorized local government representative:	Date:
Type or print name:	Title:
County, city or town:	

[THE LOCAL GOVERNMENT REPRESENTATIVE SHOULD FORWARD THE SIGNED CERTIFICATION TO THE APPROPRIATE DEQ REGIONAL OFFICE AND SEND A COPY TO THE APPLICANT.]

LOCAL GOVERNING BODY CERTIFICATION FORM

Effective July 1, 1993, Section 10.1-1321.1 of the Code of Virginia specifies that:

"A. No application for a permit for a new or major modified stationary air pollution source shall be considered complete unless the applicant has provided the Director with notification from the governing body of the county, city, or town in which the source is to be located that the location and operation of the source are consistent with all ordinances adopted pursuant to Chapter 22 (' ' 15.2-2200 et seq.) of Title 15.2."

"B. The governing body shall inform in writing the applicant and the Department of the source's compliance or noncompliance not more than 45 days from receipt by the chief executive officer, or his agent, of a request from the applicant."

"C. Should the governing body fail to provide written notification as specified in subsection B of this section, the requirement for such notification as specified in subsection A of this section is waived."

Definitions:

- Any new site (not previously designated as a stationary source) upon which one or more emissions units undergo initial construction, installation, or relocation shall be considered a **New Source**; a "green field" source.
- Any existing stationary source making changes to emission units (construction, installation, modification, reconstruction, or relocation) shall be considered a **Modified Source**. Modified sources need only use this form if the modification is major.
- Any stationary source that emits, or has the potential to emit, 100 tons or more per year of any regulated air pollutant shall be considered a **Major Source**. "Regulated air pollutant" is defined in 9 VAC 5-80-1110 C.
- Any modified source, the modification of which is equivalent to the definition of a "major source", shall be considered a **Major Modified Source**.
- Any "major source", the modification of which results in a "significant" net emissions increase of any regulated pollutant, shall be considered a **Major Modified Source**.
- Emissions levels that are considered **Significant** for stationary sources located in Prevention of Significant Deterioration Areas are listed in the definition of "significant" in 9 VAC 5-80-1710 C. Emission levels that are considered **Significant** for stationary sources located in Non-attainment Areas are listed in the definition of "significant" in 9 VAC 5-80-2010 C.

If required, the attached form should be submitted to the appropriate officials of the county, city, or town in which your facility is to be located. (The form is not required for Operating Permits insofar as these pertain to previously existing and operating sources.)

1. Applicant: Fill out the top section of the form and sign in the center block. Send the partially completed notification form to the local governing body by certified mail/return receipt, and keep a copy of the return receipt. A copy of the return receipt should then be submitted with the application to the appropriate DEQ regional office.

2. Local officials: You may use either this form or a certification designed by the locality. If you use this form, please fill out the bottom section of the form. The form asks you to certify that the facility is or will be consistent with all applicable local ordinances. Please check the appropriate box, sign the form and if there is inconsistency, please attach an explanation that indicates the corrective measures being taken. Then forward the form (or the certification designed by the locality) to the appropriate DEQ regional office within 45 days following receipt of the request from the applicant. (A postmark date within 45 days of receipt is sufficient.) Send a copy of the completed form to the applicant.

There are two ways for an applicant for a new or major modified stationary air pollution source permit to comply with this requirement. (1) When a completed form is received by DEQ indicating that locality certifies that the location and operation of the proposed source are in compliance with local ordinances, then this requirement is met. (2) If the locality

fails to respond in writing to the request within 45 days of receipt, then this requirement is met when the applicant provides DEQ with evidence that the locality has received the form and has failed to respond in writing within the 45-day period.

**DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR PROGRAM
PERMIT APPLICATION FEE
EFFECTIVE JULY 1, 2004**

INTRODUCTION

Applicants for Air Quality Permits for new major sources are required to pay a permit application fee. Fees are applicable only to major sources to be constructed on undeveloped sites. The following types of permit applications must be accompanied with the appropriate fee: Major Stationary Sources in Prevention of Significant Deterioration (PSD) Areas, Major Stationary Sources Locating in Non-attainment Areas, New Major Sources of Hazardous Air Pollutants, New Stationary Sources subject to state major New Source Review (NSR), and General Permits under the NSR Rules.

Applications will be considered incomplete if the proper fee is not paid and will not be processed until the fee is received.

Instructions for completing this form and the permit fee schedule are included on the reverse side of this form. The original copy of the form and a check or money order payable to "Treasurer of Virginia" should be mailed to the Department of Environmental Quality, Receipts Control, P.O. Box 10150, Richmond, VA 23240. A copy of the form and a copy of the check or money order should accompany the permit application. You should retain copies for your records. Please direct any questions regarding this form or fee payment to the DEQ Regional Office to which you are submitting your application.

COMPANY NAME:

COMPANY REPRESENTATIVE: _____ **FIN:**

ADDRESS: _____ **BUSINESS PHONE:** ()

FACILITY NAME:

PHYSICAL LOCATION:

TYPE OF AIR QUALITY PERMIT(s) APPLIED FOR
(See Fee Schedule):

AMOUNT OF FEE: (See Fee Schedule):	PSD Permits	NON - ATTAINMENT	HAP Permits	NSR Permits	General Permits	Combined Applications
(circle all that apply)	\$30,000	\$20,000	\$15,000	\$5,300	\$300	\$

EXISTING VADEQ Air Registration Number (if available):

DEQ OFFICE TO WHICH PERMIT APPLICATION SUBMITTED (check one)

<input type="checkbox"/> Abingdon/SWRO	<input type="checkbox"/> Harrisonburg/VRO	<input type="checkbox"/> Fredericksburg/FSO	<input type="checkbox"/> Woodbridge/NVRO
<input type="checkbox"/> Lynchburg/SCRO	<input type="checkbox"/> Richmond/PRO	<input type="checkbox"/> Roanoke/WCRO	<input type="checkbox"/> Virginia Beach/TRO

FOR DEQ USE ONLY

Date:
DC #:

**Original Form and Check - DEQ Accounting Office
Copy of Form and Copy of Check - DEQ Regional Office**

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**FEE SCHEDULE--APPLICATIONS FOR INDIVIDUAL PERMITS—EFFECTIVE JULY 1, 2004
(DUE WITH SUBMISSION OF APPLICATION)**

INSTRUCTIONS

The completion of the Application Fee Form is as follows:

1. Include the full name and address of the company headquarters in the available spaces. The Company Representative should have good knowledge of the project and be able to answer or properly direct any questions.
2. Include the name of the site or facility and the physical location. Include the full street address (no Post Office Box Numbers) if available.
3. List the type of air permit application being completed from the list available below in the Fee Schedule table. If you are unsure which regulation applies to your project, refer to the Virginia Administrative Code (VAC) citations listed at the VADEQ internet site at the following address:
<http://www.deq.virginia.gov/air/regulations/airregs.html>. Further information will be available from the Air Permitting staff located at the VADEQ Regional Office that will be reviewing the application.
4. After confirming the type of application, circle the application fee value that is appropriate to your project. Under 9 VAC 5-80-2250 et. al., projects falling under the jurisdiction of two or more Virginia regulations will pay an application fee equaling the sum of the individual fees up to but not exceeding \$30,000.00. For example, a project meeting the requirements of NSR and HAP will pay a total application fee of \$20,300. In these cases, circle all fee values appropriate to the project and fill in the total under the "Combined Applications" column.
5. If the facility has been registered with the air quality program before, supply the Air Quality Registration Number in the available space.
6. Indicate the VADEQ Regional Office that will be reviewing the air quality permit application(s).
7. The original copy of the form and the check or money order payable to "Treasurer of Virginia" should be mailed to the Department of Environmental Quality, Receipts Control, P.O. Box 10150, Richmond, VA 23240.
8. A copy of the form and a copy of the check or money order should accompany the permit application sent to the VADEQ Regional office. You should retain a copy of each for your records. Please direct any questions regarding this form or fee payment to the VADEQ Regional Office to which you are submitting your application.

TYPE OF PERMIT	APPLICATION FEE
Major Stationary Sources Prevention of Significant Deterioration Areas - Article 8 (9 VAC 5-80-1700 et al.)	\$30,000
Major Stationary Sources Locating in Non-attainment Areas – Article 9 (9 VAC 5-80-2000 et. al.)	\$20,000
New Major Sources of Hazardous Air Pollution – Article 7 (9 VAC 5-80-1400 et. al.)	\$15,000
New Stationary Sources (Major Sources Only) – Article 6 (9 VAC 5-80-1100 et. al.)	\$5,300
General Permits under the NSR Rules (Major Sources Only)– Article 6 (9 VAC 5-80-1100 et. al.)	\$300

COMMONWEALTH OF VIRGINIA
Department of Environmental Quality



AIR PERMIT APPLICATION for ASPHALT PLANTS
General information
CHECK ALL FORMS THAT APPLY AND LIST ALL ATTACHED DOCUMENTS

- ☐ CONFIDENTIAL INFORMATION, Page vii
☐ REQUEST FORM FOR LOCAL GOVERNMENT CERTIFICATION, Page ix
☐ CONTENTS AND DOCUMENT CERTIFICATION, Page 1
☐ GENERAL INFORMATION, Page 2
☐ GENERAL INFORMATION (continued), Page 3
☐ ASPHALT PLANT QUESTIONNAIRE, Pages 4, 5 and 6

LIST ATTACHED DOCUMENTS

- ☐ MAP of SITE LOCATION
☐ FACILITY SITE PLAN
☐ PROCESS FLOW DIAGRAM/SCHEMATIC
☐ MSDS or CPDS SHEETS
☐ ESTIMATED EMISSIONS CALCULATIONS
☐ STACK TESTS
☐ AIR MODEL DATA
☐ LOCAL GOVERNING BODY CERTIFICATION FORM

Note any of the added form sheets above; also indicate the number of copies of each form in blank provided.

DOCUMENT CERTIFICATION FORM
(see other side for instructions)

I certify under penalty of law that this document and all attachments [as noted above] were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering and evaluating the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

I certify that I understand that the existence of a permit under [Article 6 of the Regulations] does not shield the source from potential enforcement of any regulation of the board governing the major NSR program and does not relieve the source of the responsibility to comply with any applicable provision of the major NSR regulations.

SIGNATURE: _____ DATE: _____
NAME: _____
TITLE: _____ REGISTRATION
COMPANY: _____ NUMBER: _____

References: Virginia Regulations for the Control and Abatement of Air Pollution (Regulations), 9 VAC 5-20-230B and 9 VAC 5-80-1140E. See reverse of this form for instructions.

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF ENVIRONMENTAL QUALITY

DOCUMENT CERTIFICATION FORM

INSTRUCTIONS FOR USE

Various provisions of the Regulations for the Control and Abatement of Air Pollution require that certain documents submitted to the Board or the Department be signed by a responsible official with certification that the information contained in the statement is accurate to the best knowledge of the individual certifying the statement. Documents covered by this requirement include, but are not limited to, permit applications, registrations, emission statements, emission testing and monitoring reports, or compliance certifications. The certification should include the full name, title, signature, date of signature, and telephone number of the responsible official. A responsible official is defined as follows (Regulations, 9 VAC 5-20-230A.):

- a. For a business entity, such as a corporation, association or cooperative, a responsible official is either:
 - (1) The president, secretary, treasurer, or a vice-president of the business entity in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the business entity; or
 - (2) A duly authorized representative of such business entity if the representative is responsible for the overall operation of one or more manufacturing, production, or operating facilities applying for or subject to a permit and either (i) the facilities employ more than 250 persons or have gross annual sales or expenditures exceeding \$25 million (in second quarter 1980 dollars), or (ii) the authority to sign documents has been assigned or delegated to such representative in accordance with procedures of the business entity.
- b. For a partnership or sole proprietorship, a responsible official is a general partner or the proprietor, respectively.
- c. For a municipality, state, federal, or other public agency, a responsible official is either a principal executive officer or ranking elected official. A principal executive officer of a federal agency includes the chief executive officer having responsibility for the overall operations of a principal geographic unit of the agency.

Certification is required with each application submittal, including amendments to an application (i.e. new pages, revisions to existing pages and other amendments to application information).

Reference: Regulations, 9 VAC 5-80-1140D. Letters, phone calls, etc. are considered additional supplementary information to the certified application submittal.

COMMONWEALTH OF VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR PERMIT APPLICATION GENERAL INFORMATION

PERSON COMPLETING FORM	DATE	REGISTRATION NUMBER

REASON(S) FOR SUBMISSION:

<input type="checkbox"/> STATE OPERATING PERMIT	THIS PERMIT IS APPLIED FOR PURSUANT TO PROVISIONS OF THE VIRGINIA ADMINISTRATIVE CODE, 9 VAC 5 Chapter 80, Article 5 (SOP)
<input type="checkbox"/> NEW (Greenfield) SOURCE	THIS PERMIT IS APPLIED FOR PURSUANT TO THE FOLLOWING PROVISION(S) OF THE VIRGINIA ADMINISTRATIVE CODE: <input type="checkbox"/> 9 VAC 5 Chapter 80, Art. 6 (MINOR SOURCES) <input type="checkbox"/> 9 VAC 5 Chapter 80, Art. 8 (PSD MAJOR SOURCES) <input type="checkbox"/> 9 VAC 5 Chapter 80, Art. 9 (NON-ATTAINMENT MAJOR SOURCES)
<input type="checkbox"/> MODIFICATION of a SOURCE	
<input type="checkbox"/> RELOCATION of a SOURCE	
<input type="checkbox"/> Non-Binding Letter of EXEMPTION	
<input type="checkbox"/> AMENDMENT to a Permit dated: _____ Permit type: <input type="checkbox"/> SOP(Art.5) <input type="checkbox"/> NSR (Art.6)	
Amendment Type:	THIS AMENDMENT IS REQUESTED PURSUANT TO THE PROVISIONS OF:
<input type="checkbox"/> Administrative Amendment	<input type="checkbox"/> 9 VAC 5-80-970 (SOP Adm.) <input type="checkbox"/> 9 VAC 5-80-1270 (NSR Adm.)
<input type="checkbox"/> Minor Amendment	<input type="checkbox"/> 9 VAC 5-80-980 (SOP Minor) <input type="checkbox"/> 9 VAC 5-80-1280 (NSR Minor)
<input type="checkbox"/> Significant Amendment	<input type="checkbox"/> 9 VAC 5-80-990 (SOP Sig.) <input type="checkbox"/> 9 VAC 5-80-1290 (NSR. Sig.)
Complete Pages 1, 2, and 3 and refer to the above checked provisions for additional information requirements. Form 7 pages may be used to satisfy those requirements.	
<input type="checkbox"/> REGISTRATION/REGISTRATION UPDATE	
<input type="checkbox"/> NOTIFICATION OF OWNERSHIP OR NAME CHANGE - EFFECTIVE DATE: _____ (Complete Pages 1, 2 and 3 ONLY)	
<input type="checkbox"/> OTHER (SPECIFY): _____	

COMPANY AND DIVISION NAME:		
MAILING ADDRESS:		
TELEPHONE NUMBER:	NUMBER OF EMPLOYEES AT SITE:	PROPERTY AREA AT SITE:
EXACT SOURCE LOCATION – INCLUDE NAME OF CITY (COUNTY) AND FULL STREET ADDRESS OR DIRECTIONS:		
PERSON TO CONTACT ON AIR POLLUTION MATTERS – NAME AND TITLE:	PHONE NUMBER:	
	FAX NUMBER:	
	E-MAIL ADDRESS:	
<input type="checkbox"/> Please check here if you obtained this form from the DEQ website.		
FOR OFFICIAL USE ONLY		
COUNTY CODE:	PLANT ID NUMBER:	LAT/LONG:

GENERAL INFORMATION INSTRUCTIONS

REASON FOR SUBMISSION - check the appropriate box(es) and the applicable regulation(s).

1. "STATE OPERATING PERMIT" means that you are either an existing source applying for an operating permit, or are a NEW (Greenfield) SOURCE applying for a State Operating Permit concurrently with a permit to construct and operate the NEW (Greenfield) SOURCE. State Operating Permits are normally optional, and are requested for one of the reasons stated in 9 VAC 5-80-800 C.
2. "NEW (Greenfield) SOURCE" means that you are either constructing emission units at a new facility where no facility now exists, or you are constructing emission units at a facility that previously had no emission units at the facility. The NEW (Greenfield) SOURCE is (or may be) subject to permit review requirements.
3. "MODIFICATION of a SOURCE" means that (1) you already have emission units at your facility, (2) you are making physical or operational changes to the facility, (3) those proposed changes could result in a net emission increase of a regulated pollutant (or the emission of a regulated pollutant not presently being emitted), and (4) that physical or operational change is (or may be) subject to permit review requirements.
4. "RELOCATION of a SOURCE" means that you are relocating emission units from a facility in one location to a new or existing facility in another location, and that relocation is (or may be) subject to permit review.
5. "Non-Binding Letter of EXEMPTION" means that you are applying for written confirmation that a particular change is not subject to permit review under 9 VAC 5, Chapter 80, Articles 6, 8, or 9.
6. "PERMIT AMENDMENT" means that you have an effective air permit for your source, and you need changes made to that permit that do not qualify as a "MODIFICATION of a SOURCE".
7. "REGISTRATION/REGISTRATION UPDATE" means that you are applying to register a source that is not otherwise subject to permit review under 9 VAC 5, Chapter 80, Articles 6, 8 or 9, or you are applying to update a previous registration. See 9 VAC 5-20-160 of the regulations.
8. "NOTIFICATION of OWNERSHIP OR NAME CHANGE" means that you simply notifying DEQ of the changes as required by regulation. Requests to update a permit for the change shall be made as a "PERMIT AMENDMENT" request instead of a NOTIFICATION. Include the effective date of the change in your request.
9. "OTHER (SPECIFY)" means you intend to make a change to your facility, you do not know what air permitting requirements apply, and you wish for DEQ to evaluate the change for you and determine which requirements apply. Fill out the Form 7 as completely as possible and describe in a letter what you wish to do.

The listed regulations detail the various types of air pollution permits. Please indicate which of these you believe are applicable to this application. (More than one may apply). Sections of the regulations may be downloaded from the DEQ web site at <http://www.deq.state.va.us/>. Copies of the regulations are available for purchase from the WestGroup by calling 1-800-328-4880 (Air regulations are contained in Volume 6, Title 9 of the Virginia Administrative Code).

COMPANY AND DIVISION NAME - list the official company name and the division if applicable.

MAILING ADDRESS - list the mailing address that corresponds to the facility on this application.

TELEPHONE NUMBER - list the phone number at the facility.

NUMBER OF EMPLOYEES AT SITE - list the number of employees at the facility.

PROPERTY AREA AT SITE - list the area in acres.

EXACT SOURCE LOCATION - provide a description of the facility location indicating street address or directions to facility; provide a map pinpointing the exact source location and specify where the plant property boundaries are, if requested by the regional office; provide a plant layout with dimensions of all buildings (height, length, width) at the facility indicating all stack and emission point locations by stack or reference number, if requested.

PERSON TO CONTACT ON AIR POLLUTION MATTERS - provide the name/title of a contact person for air pollution matters.

PHONE NUMBER - provide a phone number at which DEQ staff can reach the contact person.

FAX PHONE NUMBER - provide the fax number of the contact person, if there is one.

E-MAIL ADDRESS - provide an E-mail address of the contact person, if you wish to communicate with DEQ by e-mail.

FOR OFFICIAL USE ONLY - provided for use by the DEQ regional office.

COMMONWEALTH OF VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR PERMIT APPLICATION GENERAL INFORMATION (continued)

COMPANY NAME	DATE	REGISTRATION NUMBER

FOR PORTABLE PLANTS:

IS THIS FACILITY DESIGNED TO BE PORTABLE?		<input type="checkbox"/> YES	<input type="checkbox"/> NO	
- IF YES, IS THIS FACILITY ALREADY PERMITTED AS A PORTABLE PLANT?		<input type="checkbox"/> YES	<input type="checkbox"/> NO	PERMIT DATE: _____
IF NOT PERMITTED, IS THIS AN APPLICATION TO BE PERMITTED AS A PORTABLE PLANT?		<input type="checkbox"/> YES	<input type="checkbox"/> NO	
IF PERMITTED AS A PORTABLE FACILITY, IS THIS A NOTIFICATION OF RELOCATION?		<input type="checkbox"/> YES	<input type="checkbox"/> NO	
- DESCRIBE THE NEW LOCATION OR ADDRESS (INCLUDE A SITE MAP): _____				
- WILL THE PORTABLE FACILITY BE CO-LOCATED WITH ANOTHER SOURCE?		<input type="checkbox"/> YES	<input type="checkbox"/> NO	REG. NO.: _____
- WILL THE PORTABLE FACILITY BE MODIFIED OR RECONSTRUCTED AS A RESULT OF THE RELOCATION?		<input type="checkbox"/> YES	<input type="checkbox"/> NO	
- WILL THERE BE ANY NEW EMISSIONS OTHER THAN THOSE ASSOCIATED WITH THE RELOCATION?		<input type="checkbox"/> YES	<input type="checkbox"/> NO	
- IS THE FACILITY SUITABLE FOR THE AREA TO WHICH IT WILL BE LOCATED? (ATTACH DOCUMENTATION.)		<input type="checkbox"/> YES	<input type="checkbox"/> NO	

DESCRIBE THE PRODUCTS MANUFACTURED AND/OR SERVICES PERFORMED AT THIS FACILITY:

LIST THE STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODE(S) FOR THE FACILITY:

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LIST THE NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS) CODE(S) FOR THE FACILITY:

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PLEASE LIST ALL THE FACILITIES IN VIRGINIA UNDER COMMON OWNERSHIP OR CONTROL BY THE OWNER OF THIS FACILITY:

MILESTONES. This section is to be completed if the permit application includes a new emissions unit or modification to existing operations.

MILESTONES*	STARTING DATE	ESTIMATED COMPLETION DATE
New equipment installation		
Modification of existing process or equipment		
Start-up dates		

*For new or modified installations to be constructed in phased schedule, give construction/installation starting and completion date for each phase.

GENERAL INFORMATION (continued) INSTRUCTIONS

COMPANY NAME - give the company name, the date completed, and the registration number assigned to the facility if applicable.

IS THE FACILITY DESIGNED TO BE PORTABLE? - 9 VAC 5-80-1110 B defines "portable", to mean an emissions unit that is designed to have the capability of being moved from one location to another for the purpose of operating at multiple locations and storage when idle. Indications of portability include, but are not limited to, wheels, skids, carrying handles, dolly, trailer, or platform. If this facility is already permitted as a portable facility, list the date of the effective permit.

IS THIS AN APPLICATION TO BE PERMITTED AS A PORTABLE PLANT? - if the facility is designed to be portable, indicate whether or not you wish to have the permit contain specific conditions that will acknowledge this fact, so that the facility may be relocated without a new permit in accordance with 9 VAC 5-80-1320 A.1.c.

IS THIS A NOTIFICATION OF RELOCATION OF A PORTABLE FACILITY? - 9 VAC 5-80-1320 A.1.c allows the relocation of a properly permitted portable facility to be exempt from permitting requirements, as long as it meets certain requirements, one of which is timely notification of the relocation. This notification should be sent to the Director of the DEQ Regional Office into whose area of responsibility the facility will be relocated. The 15-day notification period begins when DEQ receives the notification. Submission of pages 1, 2, and 3 of this form 7 may be used for that notification (with "RELOCATION of a SOURCE" marked on Page 2). However, use of this form for that purpose is not required. Note that a site map and documentation of site suitability should accompany this form or whatever means of notification is used. Include the registration number of any stationary source that will be co-located with the portable facility at the new site.

Site suitability may be documented by the use of a properly certified Local Governing Body Certification Form from the locality to which the facility will be relocated, although that form is not required for this purpose. Contact the appropriate DEQ Regional Office for instructions. DEQ will make a determination of site suitability based upon regional and local requirements.

PRODUCTS MANUFACTURED/SERVICED - indicate the type of business in which this facility is engaged, listing products produced and/or services performed.

SIC CODE(S) - provide all 4-digit Standard Industrial Classification Code(s) for this facility and for the process(es). Place primary SIC in the first set of blocks.

NAICS CODE(S) - provide all 6-digit North American Industry Classification System Code(s) for this facility and for the process(es). Place primary NAICS in the first set of blocks.

FACILITIES UNDER COMMON OWNERSHIP - list the facilities in Virginia that are owned by the applicant company, its subsidiaries, and its parent company.

MILESTONE DATES - list all dates pertinent to this application as accurately as possible. For start-up dates, provide each relevant date as it might affect emissions, e.g., start-up of each unit, modification of each unit, imposition of or changes in permitted emissions for each unit.

ASPHALT PLANT QUESTIONNAIRE

Note: if your plant consists of more than a hot mix asphalt plant, you should use the DEQ - Air Division general Form 7 rather than this application form.

1. Company Name: _____ 2. Registration No.: _____
3. Aggregate Dryer/Mixer Manufacturer: _____
4. Model number: _____ 5. Date of Manufacture/Construction: _____
6. Maximum Rated Capacity of Plant: _____ tons per hour of hot mix asphalt produced
7. Type of Plant: ☐ Batch Mix ☐ Parallel Flow Drum Mix ☐ Counterflow Drum Mix
☐ Double Barrel Drum Mix ☐ Triple Drum Mix
8. Requested Maximum Annual Production Rate: (Note: This value will be used to establish permit limits.)
_____ tons of hot mix asphalt per year
9. Control Equipment: (use additional pages if necessary.)
- ☐ Add-on Control Equipment:
- Stack No. : _____ Control Type: ☐ Baghouse ☐ Scrubber Control Efficiency: _____ %
Emission Points Controlled: _____
- Stack No. : _____ Control Type: ☐ Baghouse ☐ Scrubber Control Efficiency: _____ %
Emission Points Controlled: _____
- Stack No. : _____ Control Type: ☐ Baghouse ☐ Scrubber Control Efficiency: _____ %
Emission Points Controlled: _____
- ☐ Other Controls (Stack No., Type and Control Efficiency): _____
Emission Points Controlled: _____
10. Is there an Aggregate Dryer on site? ☐ Yes ☐ No _____ (MMBtu/hr max heat input capacity)
Fuels: (Check and fill in the fuel type, throughput, and content information, as applicable) Stack No. : _____
- ☐ Natural Gas *Maximum Annual Throughput: _____ million cubic feet per year
- ☐ No. 1 or No.2 Distillate Fuel Oil *Maximum Annual Throughput: _____ thousand gallons per year
- ☐ Other: _____ Heat Content: _____ MMBtu per _____ (units)
*Maximum Annual Amount of Fuel Used: _____ (units): _____ @ _____ % *Sulfur
(*Note: This value will be used to establish permit limits.)
11. Liquid Asphalt Storage Tank Heater on site? ☐ Yes ☐ No _____ (MMBtu/hr max heat input capacity)
Fuels: (Check and fill in the fuel type, throughput, and content information, as applicable) Stack No. : _____
- ☐ Natural Gas *Maximum Annual Throughput: _____ million cubic feet per year
- ☐ No. 1 or No.2 Distillate Fuel Oil *Maximum Annual Throughput: _____ thousand gallons per year
- ☐ Other: _____ Heat Content: _____ MMBtu per _____ (units)
*Maximum Annual Amount of Fuel Used: _____ (units): _____ @ _____ % *Sulfur
(*Note: This value will be used to establish permit limits.)

ASPHALT PLANT QUESTIONNAIRE (Continued)

12. Will a generator be used to provide power for plant operations? ☐ Yes ☐ No
- If yes, the rated capacity is: _____ BHP _____ KW _____ (MMBtu/hr max heat input capacity)
- If yes, how is it used: ☐ Regularly ☐ Peak Shaving ☐ Emergency use only (loss of utility power)
- Fuels: (Check and fill in the fuel type, throughput, and content information, as applicable) Stack No. : _____
- ☐ Natural Gas *Maximum Annual Throughput: _____ million cubic feet per year
- ☐ No. 1 or No.2 Distillate Fuel Oil *Maximum Annual Throughput: _____ thousand gallons per year
- ☐ Other: _____ Heat Content: _____ MMBtu per _____ (units)
- *Maximum Annual Amount of Fuel Used: _____ (units): _____ @ _____ % Sulfur
- (*Note: These values will be used to establish permit limits.)
13. Will the plant have hot mix asphalt storage silos on site? ☐ Yes ☐ No If yes, fill out table below:
- | Silo No. | Stack No. | Volume capacity of hot mix silo | Maximum annual expected throughput of hot mix silo |
|----------|-----------|---------------------------------|--|
| _____ | _____ | _____ tons | _____ *tons per year |
| _____ | _____ | _____ tons | _____ *tons per year |
| _____ | _____ | _____ tons | _____ *tons per year |
- (*Note: These values will be used to establish permit limits.)
14. Are there heaters in the hot mix storage silos? ☐ Yes ☐ No _____ (MMBtu/hr Total heat input capacity)
- Fuels: (If yes, list fuel types, total fuel throughput, and fuel heat content.) List Stack Nos. _____
- ☐ Natural Gas Heat Content: _____ MMBtu per million cubic feet
- *Total Maximum Annual Throughput of Natural Gas: _____ million cubic feet per year
- ☐ No. 1 or No. 2 Fuel Oil Heat Content: _____ MMBtu per thousand gallons
- *Total Maximum Annual Throughput of Fuel Oil: _____ thousand gallons per year
- ☐ Other: _____ Heat Content: _____ MMBtu per _____ (units i.e. gal, cuft)
- *Total Maximum Annual Amount of Fuel Used: _____ (units) per year @ _____ % S
- (*Note: These values will be used to establish permit limits.)
15. Will the plant have a lime silo on site? ☐ Yes ☐ No Stack No : _____
- If yes, what is the volume capacity of the silo? _____ tons of lime
- If yes, what is the maximum annual expected throughput of lime?* _____ tons of lime per year
- (*Note: This value will be used to establish permit limits.)
16. Any other material storage silos on site other than those listed above? ☐ Yes ☐ No Stack No : _____
- If yes, specify material: _____ (Attach MSDS)
- If yes, what is the maximum annual expected throughput?* _____ tons per year
- If yes, what is the volume capacity of the silo? _____ tons
- (*Note: This value will be used to establish permit limits.)

ASPHALT PLANT QUESTIONNAIRE (Continued)

17. Will the plant have a recycled asphalt pavement (RAP) crusher on site? ☐ Yes ☐ No Stack No : _____

If yes, what is the capacity of the crusher? _____ tons of RAP per hour

If yes, what is the maximum annual expected throughput of RAP?* _____ tons of RAP per year

If yes, please attach crusher information, including the date(s) of construction.

(*Note: This value will be used to establish permit limits.)

18. Are there fuel or volatile organic liquid storage tanks over 10,000 gallons capacity on site? ☐ Yes ☐ No

Tank No. _____ ☐ Above ground ☐ Below ground Contents: _____ (attach MSDS)

Tank Capacity (volume): _____ thousand gallons *Annual Throughput: _____ thousand gallons per year

Tank No. _____ ☐ Above ground ☐ Below ground Contents: _____ (attach MSDS)

Tank Capacity (volume): _____ thousand gallons *Annual Throughput: _____ thousand gallons per year

Tank No. _____ ☐ Above ground ☐ Below ground Contents: _____ (attach MSDS)

Tank Capacity (volume): _____ thousand gallons *Annual Throughput: _____ thousand gallons per year

(*Note: These values will be used to establish permit limits.)

19. If this is a modification of the facility, list the average annual emissions rate over the last consecutive 24-month period.

PM _____ tons per year. (append your calculations to this application.)

PM₁₀ _____ tons per year. (append your calculations to this application.)

SO₂ _____ tons per year. (append your calculations to this application.)

NO_x _____ tons per year. (append your calculations to this application.)

CO _____ tons per year. (append your calculations to this application.)

VOC _____ tons per year. (append your calculations to this application.)

20. Normal Equipment Operating Schedule:

_____ Hours per Day

_____ Hours per week

_____ Hours per Year

21. Percent Annual Production Rate by Season:

December through February _____ %

March through May _____ %

June through August _____ %

September through November _____ %

Total 100 %

22. Stack/Exhaust Data:

Stack No.	Process	Stack Height (ft.)	Exhaust Stack Area (sq. ft.)	Exit Gas Velocity (fpm)	Exit Gas Volume (acfm)	Exit Gas Temp. (°F)

ASPHALT PLANT QUESTIONNAIRE (Continued)

Stack No.	Process	Stack Height (ft.)	Exhaust Stack Area (sq. ft.)	Exit Gas Velocity (fpm)	Exit Gas Volume (acfm)	Exit Gas Temp. (°F)